

**ABSTRACT OF THE DISCLOSURE****DECENTRALIZED, SELF-REGULATING SYSTEM FOR AUTOMATICALLY  
DISCOVERING OPTIMAL CONFIGURATIONS IN A FAILURE-RICH  
ENVIRONMENT**

5           A method, system and computer program for managing a  
set of data by a distributed set of services is provided.  
The set of data is organized into a plurality of related  
sets of data. Management of the related set of data is  
assigned, by a set of services, to a service within the  
10 distributed set of services based on an optimization  
criteria. Responsive to a failed service within the  
distributed set of services, management of the related set  
of data managed by the failed service is transferred to  
another service within the distributed set of services.

T06330" T05330